

BELZONA REPAIR TO MARINE ENGINE BLOCK

ID: 86

Industry: Marine
Application: ENC-Engines and Casings
Substrate: Cast Iron
Products: * Belzona® 1111 (Super Metal) ,

Customer Location: Marine repair shop
Application Date: 1992

Problem

Crankshaft Bearing shells spun in housing causing wear in the housing necessitating rebuilding before new shell bearings installed.



Photograph Descriptions

- * Application underway to the engine crankcase ,
- * Belzona® 1111 applied to housing ,
- * Line boring of housings underway ,

Application Situation

12 Cylinder Diesel engine from ship

Application Method

Application carried out in accordance with Belzona Know-How leaflet ENC-3.

Belzona Facts

Replacement crankcase would have cost in excess of \$100,000 and conventional welding repairs could not be guaranteed not to cause distortion. Belzona repairs cost \$1500 and were completed in 3 days.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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Management System.

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